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LOGINID: ssspta1617srh

**PASSWORD :**

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* Welcome to STN International \* \* \* \* \* \* \* \* \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 May 12 EXTEND option available in structure searching  
NEWS 4 May 12 Polymer links for the POLYLINK command completed in REGISTRY  
NEWS 5 May 27 New UPM (Update Code Maximum) field for more efficient patent SDIs in CAplus  
NEWS 6 May 27 CAplus super roles and document types searchable in REGISTRY  
NEWS 7 Jun 28 Additional enzyme-catalyzed reactions added to CASREACT  
NEWS 8 Jun 28 ANTE, AQUALINE, BIOENG, CIVILENG, ENVIROENG, MECHENG, and WATER from CSA now available on STN(R)  
NEWS 9 Jul 12 BEILSTEIN enhanced with new display and select options, resulting in a closer connection to BABS

NEWS EXPRESS MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 12:34:07 ON 28 JUL 2004

FILE 'CAPLUS' ENTERED AT 12:24:40 ON 28 JUL 2004  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
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FILE COVERS 1907 - 28 Jul 2004 VOL 141 ISS 5  
FILE LAST UPDATED: 27 Jul 2004 (20040727/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s SCHREIBER, a?/au  
L1 539 SCHREIBER, A?/AU

=> s atherosclerosis  
L2 40230 ATHEROSCLEROSIS

=> s l1 and l2  
L3 3 L1 AND L2

=> d tot

L3 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2001:8027 CAPLUS  
DN 134:173174  
TI Serum Lipids and Arterial Plaque Load are Altered Independently with High-Dose Progesterone in Hypercholesterolemic Male Rabbits  
AU Houser, S. L.; Aretz, H. T.; Quist, W. C.; Chang, Y.; **Schreiber, A. D.**  
CS Department of Pathology, Massachusetts General Hospital, Harvard Medical School, Boston, MA, USA  
SO Cardiovascular Pathology (2000), 9(6), 317-322  
CODEN: CATHE8; ISSN: 1054-8807  
PB Elsevier Science Inc.  
DT Journal  
LA English  
RE.CNT 49 THERE ARE 49 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1993:406181 CAPLUS  
DN 119:6181  
TI Real-time analysis of shear-dependent thrombus formation and its blockade by inhibitors of von Willebrand factor binding to platelets  
AU Alevriadou, B. Rita; Moake, Joel L.; Turner, Nancy A.; Ruggeri, Zaverio M.; Folie, Bernard J.; Phillips, Martin D.; **Schreiber, Alain B.**; Hrinda, Michael E.; McIntire, Larry V.  
CS Cox Lab. Biomed. Eng., Rice Univ., Houston, TX, 77251, USA  
SO Blood (1993), 81(5), 1263-76  
CODEN: BLOOAW; ISSN: 0006-4971  
DT Journal  
LA English

L3 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1991:423118 CAPLUS  
DN 115:23118  
TI Tyrphostins inhibit PDGF-induced DNA synthesis and associated early events in smooth muscle cells  
AU Bilder, Glenda E.; Krawiec, John A.; McVety, Karen; Gazit, Aviv; Gilon, Chaim; Lyall, Raymond; Zilberstein, Asher; Levitzki, Alexander; Perrone, Mark H.; **Schreiber, Alain B.**  
CS Dep. Cardiovasc. Biol., Rhone-Poulenc Rorer and Rorer Biotechnol., King of Prussia, PA, 19406, USA  
SO American Journal of Physiology (1991), 260(4, Pt. 1), C721-C730  
CODEN: AJPHAP; ISSN: 0002-9513

DT Journal  
LA English

=> fil uspaf  
'USPAF' IS NOT A VALID FILE NAME  
SESSION CONTINUES IN FILE 'CAPLUS'  
Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files  
that are available. If you have requested multiple files, you can  
specify a corrected file name or you can enter "IGNORE" to continue  
accessing the remaining file names entered.

=> fil uspatf  
COST IN U.S. DOLLARS SINCE FILE TOTAL  
ENTRY SESSION  
FULL ESTIMATED COST 7.62 7.83

FILE 'USPATFULL' ENTERED AT 12:25:27 ON 28 JUL 2004  
CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 27 Jul 2004 (20040727/PD)  
FILE LAST UPDATED: 27 Jul 2004 (20040727/ED)  
HIGHEST GRANTED PATENT NUMBER: US6769133  
HIGHEST APPLICATION PUBLICATION NUMBER: US2004143878  
CA INDEXING IS CURRENT THROUGH 27 Jul 2004 (20040727/UPCA)  
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 27 Jul 2004 (20040727/PD)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Jun 2004  
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Jun 2004

>>> USPAT2 is now available. USPATFULL contains full text of the <<<  
>>> original, i.e., the earliest published granted patents or <<<  
>>> applications. USPAT2 contains full text of the latest US <<<  
>>> publications, starting in 2001, for the inventions covered in <<<  
>>> USPATFULL. A USPATFULL record contains not only the original <<<  
>>> published document but also a list of any subsequent <<<  
>>> publications. The publication number, patent kind code, and <<<  
>>> publication date for all the US publications for an invention <<<  
>>> are displayed in the PI (Patent Information) field of USPATFULL <<<  
>>> records and may be searched in standard search fields, e.g., /PN, <<<  
>>> /PK, etc. <<<

>>> USPATFULL and USPAT2 can be accessed and searched together <<<  
>>> through the new cluster USPATALL. Type FILE USPATALL to <<<  
>>> enter this cluster. <<<  
>>> <<<  
>>> Use USPATALL when searching terms such as patent assignees, <<<  
>>> classifications, or claims, that may potentially change from <<<  
>>> the earliest to the latest publication. <<<

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s SCHREIBER, a?/au  
L4 76 SCHREIBER, A?/AU

=> s atherosclerosis  
L5 19967 ATHEROSCLEROSIS

=> s l4 and l5  
L6 0 L4 AND L5

=> fil reg  
COST IN U.S. DOLLARS SINCE FILE TOTAL  
ENTRY SESSION  
FULL ESTIMATED COST 1.35 9.18

FILE 'REGISTRY' ENTERED AT 12:26:00 ON 28 JUL 2004  
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Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 27 JUL 2004 HIGHEST RN 717822-84-9  
DICTIONARY FILE UPDATES: 27 JUL 2004 HIGHEST RN 717822-84-9

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more  
information enter HELP PROP at an arrow prompt in the file or refer  
to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

```
=> s pregnan and 3 and 20 and dione
    12102 PREGNAN
    13404152 3
    398848 20
    762324 DIONE
    1 DIONES
    762324 DIONE
        (DIONE OR DIONES)
L7      174 PREGNAN AND 3 AND 20 AND DIONE

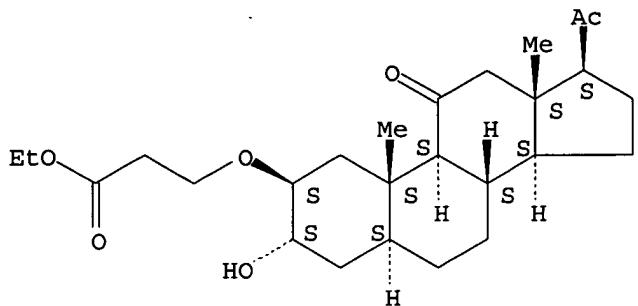
=> s pregnan and 3 and 20 and dione and 5
    12102 PREGNAN
    13404152 3
    398848 20
    762324 DIONE
    1 DIONES
    762324 DIONE
        (DIONE OR DIONES)
    9194441 5
L8      169 PREGNAN AND 3 AND 20 AND DIONE AND 5

=> s pregnan and 3 and 20 and dione and 5α
    12102 PREGNAN
    13404152 3
    398848 20
    762324 DIONE
    1 DIONES
    762324 DIONE
        (DIONE OR DIONES)
    49233 5A
L9      75 PREGNAN AND 3 AND 20 AND DIONE AND 5A

=> d scan

L9      75 ANSWERS  REGISTRY  COPYRIGHT 2004 ACS on STN
IN      Propanoic acid, 3-[(2β,3α,5α)-3-hydroxy-11,20-
MF      dioxopregn-2-yl]oxy]-, ethyl ester (9CI)
      C26 H40 O6
```

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

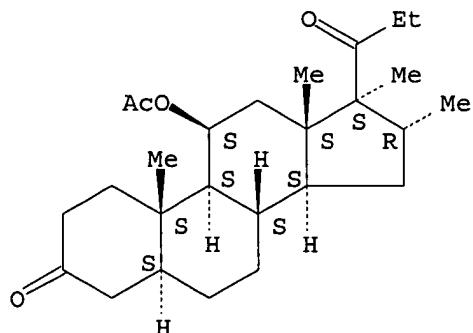
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

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=> s pregnan-3,20-dione and 5α
    12102 PREGNAN
    32556 3,20
    762324 DIONE
    1 DIONES
    762324 DIONE
        (DIONE OR DIONES)
    11 PREGNAN-3,20-DIONE
        (PREGNAN(W)3,20(W)DIONE)
    49233 5A
L10      4 PREGNAN-3,20-DIONE AND 5A
```

=> d scan

```
L10 4 ANSWERS  REGISTRY  COPYRIGHT 2004 ACS on STN
IN  Androstan-3-one, 11-(acetyloxy)-16,17-dimethyl-17-(1-oxopropyl)-,
    (5α,11β,16α,17β)- (9CI)
MF  C26 H40 O4
```

Absolute stereochemistry.



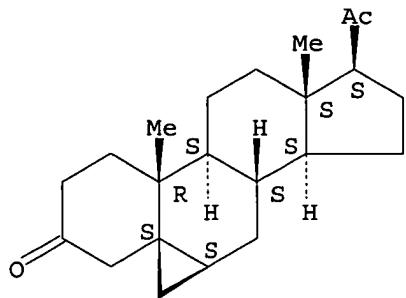
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):4

L10 4 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN

IN Cyclopropa[5,6]pregnane-3,20-dione, 3',6-dihydro-, (5 $\beta$ ,6 $\alpha$ ) -  
(9CI)  
MF C22 H32 O2

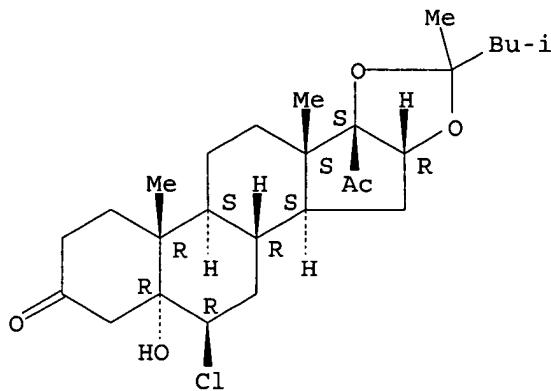
Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

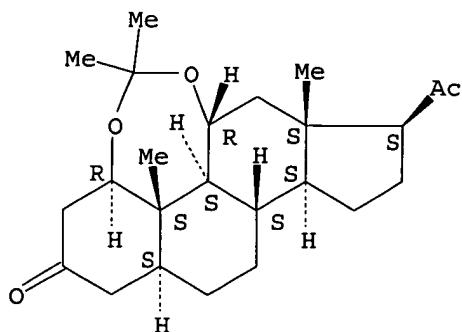
L10 4 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
IN 5 $\alpha$ -Pregnane-3,20-dione, 6 $\beta$ -chloro-5,16 $\alpha$ ,17-  
trihydroxy-, cyclic 16,17-acetal with 4-methyl-2-pentanone (8CI)  
MF C27 H41 Cl O5

Absolute stereochemistry.



L10 4 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
IN Pregnane-3,20-dione, 1,11-[(1-methylethylidene)bis(oxy)]-,  
(1 $\beta$ ,5 $\alpha$ ,11 $\alpha$ ) - (9CI)  
MF C24 H36 O4

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

ALL ANSWERS HAVE BEEN SCANNED

=> 0

0 IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.  
For a list of commands available to you in the current file, enter  
"HELP COMMANDS" at an arrow prompt (>).

=> fil capl

COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	84.36	93.54

FILE 'CAPLUS' ENTERED AT 12:32:53 ON 28 JUL 2004

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FILE COVERS 1907 - 28 Jul 2004 VOL 141 ISS 5  
FILE LAST UPDATED: 27 Jul 2004 (20040727/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s us4908358/pn  
L11 2 US4908358/PN

=> d

L11 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1990:584710 CAPLUS  
DN 113:184710  
TI Inhibition of immune clearance using progesterone analogs

IN Schreiber, Alan D.  
PA University of Pennsylvania, USA  
SO U.S., 9 pp. Cont.-in-part of U.S. Ser. No. 89,790.  
CODEN: USXXAM

DT Patent  
LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 4908358	A	19900313	US 1988-159706	19880224 <--
	US 4902681	A	19900220	US 1987-89790	19870827
PRAI	US 1987-89790		19870827		
OS	MARPAT	113:184710			

=> sel rn  
E1 THROUGH E5 ASSIGNED

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	4.11	97.65

FILE 'REGISTRY' ENTERED AT 12:33:47 ON 28 JUL 2004  
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STRUCTURE FILE UPDATES: 27 JUL 2004 HIGHEST RN 717822-84-9  
DICTIONARY FILE UPDATES: 27 JUL 2004 HIGHEST RN 717822-84-9

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more  
information enter HELP PROP at an arrow prompt in the file or refer  
to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> s e1-5

1 1239-79-8/BI (1239-79-8/RN)
1 68-96-2/BI (68-96-2/RN)
1 152-58-9/BI (152-58-9/RN)
1 566-65-4/BI (566-65-4/RN)
1 85027-24-3/BI (85027-24-3/RN)
L12 5 (1239-79-8/BI OR 68-96-2/BI OR 152-58-9/BI OR 566-65-4/BI OR 85027-24-3/BI)

=> d tot

L12 ANSWER 1 OF 5 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 85027-24-3 REGISTRY  
CN Pregn-4-ene-3,20-dione, 16-methyl- (7CI, 9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Progesterone, 16-methyl- (6CI)

OTHER NAMES:

CN 16-Methylprogesterone

FS STEREOSEARCH

MF C22 H32 O2

LC STN Files: BEILSTEIN\*, BIOSIS, CA, CAOLD, CAPLUS, MEDLINE, RTECS\*, TOXCENTER, USPATFULL

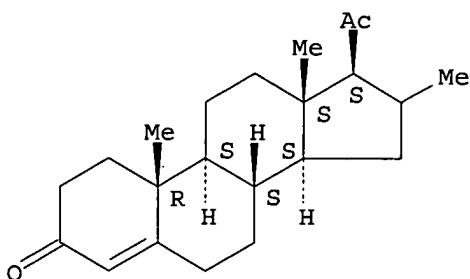
(\*File contains numerically searchable property data)

DT.CA CAplus document type: Journal; Patent

RL.P Roles from patents: BIOL (Biological study); NORL (No role in record)

RL.NP Roles from non-patents: BIOL (Biological study); NORL (No role in record)

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

6 REFERENCES IN FILE CA (1907 TO DATE)

6 REFERENCES IN FILE CAPLUS (1907 TO DATE)

3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L12 ANSWER 2 OF 5 REGISTRY COPYRIGHT 2004 ACS on STN

RN 1239-79-8 REGISTRY

CN Pregn-4-ene-3,20-dione, 16-methyl-, (16 $\alpha$ )- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Pregn-4-ene-3,20-dione, 16 $\alpha$ -methyl- (7CI, 8CI)

CN Progesterone, 16 $\alpha$ -methyl- (6CI)

OTHER NAMES:

CN 16 $\alpha$ -Methylpregn-4-ene-3,20-dione

CN 16 $\alpha$ -Methylprogesterone

FS STEREOSEARCH

MF C22 H32 O2

LC STN Files: ANABSTR, BEILSTEIN\*, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CSCHEM, DDFU, DRUGU, IFICDB, IFIPAT, IFIUDB, SPECINFO, TOXCENTER, USPATFULL

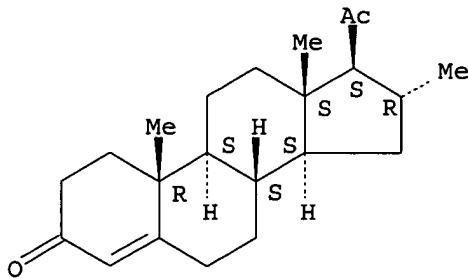
(\*File contains numerically searchable property data)

DT.CA CAplus document type: Conference; Journal; Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); NORL (No role in record)

RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

114 REFERENCES IN FILE CA (1907 TO DATE)  
 114 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
 13 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L12 ANSWER 3 OF 5 REGISTRY COPYRIGHT 2004 ACS on STN

RN 566-65-4 REGISTRY

CN Pregnane-3,20-dione, (5 $\alpha$ ) - (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 5 $\alpha$ -Pregnane-3,20-dione (8CI)

CN 5 $\alpha$ -Pregnanedione (7CI)

OTHER NAMES:

CN 3,20-Allopregnanedione

CN 3,20-Dioxo-5 $\alpha$ -pregnane

CN 5 $\alpha$ -Dihydroprogesterone

CN NSC 18319

FS STEREOSEARCH

MF C21 H32 O2

CI COM

LC STN Files: ANABSTR, BEILSTEIN\*, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CSCHEM, DDFU, DRUGU, EMBASE, HODOC\*, IFICDB, IFIPAT, IFIUDB, MEDLINE, MRCK\*, NAPRALERT, RTECS\*, SPECINFO, SYNTHLINE, TOXCENTER, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)

Other Sources: EINECS\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

DT.CA CAplus document type: Conference; Dissertation; Journal; Patent

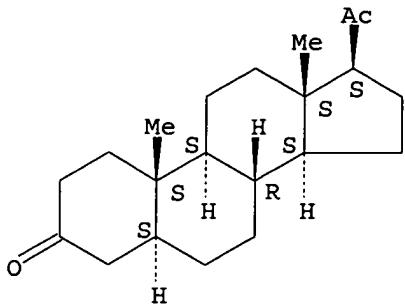
RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); PREP (Preparation); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)

RLD.P Roles for non-specific derivatives from patents: ANST (Analytical study); PREP (Preparation)

RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)

RLD.NP Roles for non-specific derivatives from non-patents: BIOL (Biological study); PRP (Properties)

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

984 REFERENCES IN FILE CA (1907 TO DATE)  
 7 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 985 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L12 ANSWER 4 OF 5 REGISTRY COPYRIGHT 2004 ACS on STN

RN 152-58-9 REGISTRY

CN Pregn-4-ene-3,20-dione, 17,21-dihydroxy- (7CI, 8CI, 9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Compound S (6CI)

OTHER NAMES:

CN Δ<sub>4</sub>-Pregnene-17α,21-diol-3,20-dione

CN 11-Deoxy-17-hydrocorticosterone

CN 11-Deoxy-17-hydroxycorticosterone

CN 11-Deoxycortisol

CN 11-Deoxycortisone

CN 11-Deoxyhydrocortisone

CN 11-Desoxy-17α-hydroxycorticosterone

CN 11-Desoxycortisol

CN 11-Desoxyhydrocortisone

CN 17,21-Dihydroxypregn-4-en-3,20-dione

CN 17,21-Dihydroxypregn-4-ene-3,20-dione

CN 17,21-Dihydroxyprogesterone

CN 17-Hydroxy-11-deoxycorticosterone

CN 17α,21-Dihydroxy-4-pregnen-3,20-dione

CN 17α,21-Dihydroxypregn-4-ene-3,20-dione

CN 17α,21-Dihydroxyprogesterone

CN 17α-Hydroxycortexone

CN 4-Pregnen-17α,21-diol-3,20-dione

CN 4-Pregnene-17α,21-diol-3,20-dione

CN Cortexolone

CN Cortifen

CN Cortisol, 11-deoxy-

CN Cortodoxone

CN NSC 18317

CN Reichstein S

CN Reichstein's compound S

CN Reichstein's substance S

CN SKF 3050

CN Substance S

FS STEREOSEARCH

DR 478614-16-3, 37-60-5

MF C21 H30 O4

CI COM

LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CEN, CHEMCATS, CHEMLIST, CIN, CSCHEM, DDFU, DRUGU, EMBASE, HODOC\*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*, NAPRALERT, NIOSHTIC, PIRA,

PROMT, PS, RTECS\*, SPECINFO, TOXCENTER, USAN, USPATFULL, VETU

(\*File contains numerically searchable property data)

Other Sources: EINECS\*\*, WHO

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

DT.CA Cplus document type: Conference; Dissertation; Journal; Patent; Report

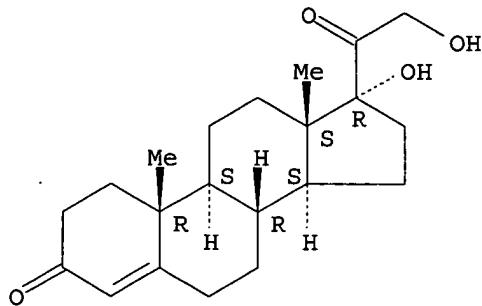
RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)

RLD.P Roles for non-specific derivatives from patents: BIOL (Biological study); PREP (Preparation); PROC (Process); USES (Uses)

RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)

RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2452 REFERENCES IN FILE CA (1907 TO DATE)

41 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

2454 REFERENCES IN FILE CAPLUS (1907 TO DATE)

3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L12 ANSWER 5 OF 5 REGISTRY COPYRIGHT 2004 ACS on STN

RN 68-96-2 REGISTRY

CN Pregn-4-ene-3,20-dione, 17-hydroxy- (8CI, 9CI) (CA INDEX NAME)

OTHER NAMES:

CN  $\Delta^4$ -Pregn-17 $\alpha$ -ol-3,20-dione

CN 17-Hydroxypregn-4-ene-3,20-dione

CN 17-Hydroxyprogesterone

CN 17 $\alpha$ -Hydroxypregn-4-ene-3,20-dione

CN 17 $\alpha$ -Hydroxyprogesterone

CN Gestageno

CN Gestageno Gador

CN Hydroxyprogesterone

CN NSC 15468

CN Pregn-4-en-17 $\alpha$ -ol-3,20-dione

CN Prodix

CN Prodox

CN U 3096

FS STEREOSEARCH

DR 67085-08-9

MF C21 H30 O3

CI COM

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, DDFU, DIOGENES, DRUGU, EMBASE, HODOC\*, HSDB\*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*, NAPRALERT, NIOSHTIC, PROMT, PS, RTECS\*, SPECINFO, TOXCENTER, USAN, USPAT2, USPATFULL, VETU

(\*File contains numerically searchable property data)

Other Sources: EINECS\*\*, WHO

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

DT.CA CAplus document type: Conference; Dissertation; Journal; Patent; Report

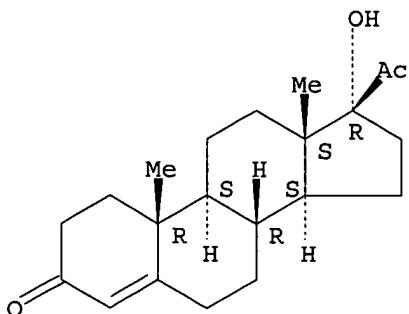
RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)

RLD.P Roles for non-specific derivatives from patents: ANST (Analytical study); BIOL (Biological study); PREP (Preparation); PROC (Process); USES (Uses)

RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)

RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

4208 REFERENCES IN FILE CA (1907 TO DATE)

52 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

4212 REFERENCES IN FILE CAPLUS (1907 TO DATE)

26 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> sel rn name 3  
E6 THROUGH E12 ASSIGNED

=> fil medl caplu biosis uspatf

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	10.07	107.72

FILE 'MEDLINE' ENTERED AT 12:34:44 ON 28 JUL 2004

FILE 'CAPLUS' ENTERED AT 12:34:44 ON 28 JUL 2004

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

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FILE 'BIOSIS' ENTERED AT 12:34:44 ON 28 JUL 2004  
COPYRIGHT (C) 2004 BIOLOGICAL ABSTRACTS INC.(R)

FILE 'USPATFULL' ENTERED AT 12:34:44 ON 28 JUL 2004  
CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

=> s e6-e12  
L13 2502 ("NSC 18319"/BI OR "3,20-ALLOPREGNANEDIONE"/BI OR "3,20-DIOXO-5.  
ALPHA.-PREGNANE"/BI OR 5A-DIHYDROPROGESTERONE/BI OR "5.AL.P  
HA.-PREGNANE-3,20-DIONE"/BI OR 5A-PREGNANEDIONE/BI OR  
566-65-4/BI)

=> s atherosclerosis or atherosclerotic  
L14 181099 ATHEROSCLEROSIS OR ATHEROSCLEROTIC

=> s l13 and l14  
L15 3 L13 AND L14

=> dup rem l15  
PROCESSING COMPLETED FOR L15  
L16 2 DUP REM L15 (1 DUPLICATE REMOVED)

=> d tot

L16 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 1  
AN 2004:80345 CAPLUS  
DN 140:122809  
TI Methods for preventing or treating disorders associated with the  
degradation of cholesterol and bile alcohols using pregnane X receptor  
ligands  
IN Forman, Barry; Dussault, Isabelle  
PA USA  
SO U.S. Pat. Appl. Publ., 23 pp.  
CODEN: USXXCO  
DT Patent  
LA English  
FAN.CNT 1  
PATENT NO. KIND DATE APPLICATION NO. DATE  
-----  
PI US 2004019027 A1 20040129 US 2003-412659 20030411  
PRAI US 2002-371701P P 20020412

L16 ANSWER 2 OF 2 USPATFULL on STN  
AN 2004:179017 USPATFULL  
TI Therapeutic treatment methods  
IN Reading, Christopher L., San Diego, CA, UNITED STATES  
Ahlem, Clarence N., San Diego, CA, UNITED STATES  
Auci, Dominick L., San Diego, CA, UNITED STATES  
Dowding, Charles, San Diego, CA, UNITED STATES  
Frincke, James M., San Diego, CA, UNITED STATES  
Li, Mei, San Diego, CA, UNITED STATES  
Page, Theodore M., Carlsbad, CA, UNITED STATES  
Stickney, Dwight R., Granite Bay, CA, UNITED STATES  
Trauger, Richard J., Leucadia, CA, UNITED STATES  
White, Steven K., San Diego, CA, UNITED STATES  
PI US 2004138187 A1 20040715  
AI US 2003-651515 A1 20030828 (10)  
PRAI US 2002-407146P 20020828 (60)  
US 2002-408332P 20020904 (60)  
US 2003-479257P 20030617 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 16128  
INCL INCLM: 514/169.000  
NCL NCLM: 514/169.000

IC [7]  
ICM: A61K031-56

=> d his

(FILE 'HOME' ENTERED AT 12:24:07 ON 28 JUL 2004)

FILE 'CAPLUS' ENTERED AT 12:24:40 ON 28 JUL 2004

L1 539 S SCHREIBER, A?/AU  
L2 40230 S ATHEROSCLEROSIS  
L3 3 S L1 AND L2

FILE 'USPATFULL' ENTERED AT 12:25:27 ON 28 JUL 2004

L4 76 S SCHREIBER, A?/AU  
L5 19967 S ATHEROSCLEROSIS  
L6 0 S L4 AND L5

FILE 'REGISTRY' ENTERED AT 12:26:00 ON 28 JUL 2004

L7 174 S PREGNAN AND 3 AND 20 AND DIONE  
L8 169 S PREGNAN AND 3 AND 20 AND DIONE AND 5  
L9 75 S PREGNAN AND 3 AND 20 AND DIONE AND 5A  
L10 4 S PREGNAN-3,20-DIONE AND 5A

FILE 'CAPLUS' ENTERED AT 12:32:53 ON 28 JUL 2004

L11 2 S US4908358/PN  
SEL RN

FILE 'REGISTRY' ENTERED AT 12:33:47 ON 28 JUL 2004

L12 5 S E1-5  
SEL RN NAME 3

FILE 'MEDLINE, CAPLUS, BIOSIS, USPATFULL' ENTERED AT 12:34:44 ON 28 JUL 2004

L13 2502 S E6-E12  
L14 181099 S ATHEROSCLEROSIS OR ATHEROSCLEROTIC  
L15 3 S L13 AND L14  
L16 2 DUP REM L15 (1 DUPLICATE REMOVED)

=> log h

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	56.11	163.83

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 12:37:33 ON 28 JUL 2004

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1	BRS	L1	4	4902681.pn. or 4908358.pn.	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:38	
2	BRS	L2	734	514/178.ccls.	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:38	
3	BRS	L3	25419	atherosclerosis	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:38	
4	BRS	L4	57	2 and 3	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:38	
5	BRS	L6	0	(SCHREIBER-A.in. or SCHREIBER-ALAN-D.in.) and benzazepine	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:44	
6	BRS	L7	0	(SCHREIBER-A.in. or SCHREIBER-ALAN-D.in.) and butyrophenone	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:44	
7	BRS	L8	0	(SCHREIBER-A.in. or SCHREIBER-ALAN-D.in.) and haloperidol	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:44	
8	BRS	L9	0	(SCHREIBER-A.in. or SCHREIBER-ALAN-D.in.) and dopamine	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:44	

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9	BRS	L10	0	(SCHREIBER-A.in. or SCHREIBER-ALAN-D.in.) and atheroscler\$	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:44	
10	BRS	L14	0	"17-hydroxyprogesterone" same (Atheroscleros\$4 or arterioscleros\$4)	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:44	
11	BRS	L17	1	haloperidol same macrophag\$3	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:44	
12	BRS	L19	800	prolactin and macrophag\$3	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:44	
13	BRS	L21	4	(prolactin with macrophag\$3) and atheroscleros\$3	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:45	
14	BRS	L23	0	(prolactin with macrophag\$3) and (arterioscleros\$3)	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:45	
15	BRS	L27	0	5344832.pn. and atherosclerosis	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:45	

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11		0
12		0
13		0
14		0
15		0

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16	BRS	L34	941	514/171.ccls.	USPAT; US-PGP UB; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:45	
17	BRS	L35	506	514/327.ccls.	USPAT; US-PGP UB; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:45	
18	BRS	L40	93	haloperidol and (Atheroscleros\$4 or arterioscleros\$4)	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:45	
19	BRS	L43	859	((hormone adj replacement adj therapy) or progestin) and (Atheroscleros\$4 or arterioscleros\$4)	USPAT; US-PGP UB; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:45	
20	BRS	L48	74	cortexolone	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:45	
21	BRS	L49	0	cortexolone same (Atheroscleros\$4 or arterioscleros\$4)	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:45	
22	BRS	L60	62	methylprogesterone	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:45	

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18		0
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21		0
22		0

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23	BRS	L64	19726	angiogenesis	USPAT; US-PGP UB; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:45	
24	BRS	L65	25419	atherosclerosis	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:45	
25	BRS	L66	2034	angiogenesis same atherosclerosis	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:45	
26	BRS	L67	1628	angiogenesis with atherosclerosis	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:45	
27	BRS	L68	263	angiogenesis near atherosclerosis	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:45	
28	BRS	L69	405	angiostatic	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:45	
29	BRS	L72	128	atherosclerosis and angiostatic	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:45	

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24		0
25		0
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28		0
29		0

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30	BRS	L74	122	(atherosclerosis and angiostatic) and angiogenesis	USPAT; EPO; JPO; DERWENT; IBM_T DB	2004/07/28 12:45	
31	BRS	L75	8272	atherosclerotic	USPAT; EPO; JPO; DERWENT; IBM_T DB	2004/07/28 12:45	
32	BRS	L77	1045	angiogenesis and atherosclerotic	USPAT; EPO; JPO; DERWENT; IBM_T DB	2004/07/28 12:45	
33	BRS	L78	462	angiogenesis same atherosclerotic	USPAT; EPO; JPO; DERWENT; IBM_T DB	2004/07/28 12:45	
34	BRS	L79	1	angiogenesis near atherosclerotic	USPAT; EPO; JPO; DERWENT; IBM_T DB	2004/07/28 12:45	
35	BRS	L5	74	SCHREIBER-A.in. or SCHREIBER-ALAN-D.in.	USPAT; EPO; JPO; DERWENT; IBM_T DB	2004/07/28 12:45	
36	BRS	L11	3	haloperidol same (Atheroscleros\$4 or arterioscleros\$4)	USPAT; EPO; JPO; DERWENT; IBM_T DB	2004/07/28 12:45	
37	BRS	L12	93	haloperidol and (Atheroscleros\$4 or arterioscleros\$4)	USPAT; EPO; JPO; DERWENT; IBM_T DB	2004/07/28 12:45	

	Error Definition	Errors
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31		0
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35		0
36		0
37		0

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38	BRS	L13	2	5902811.pn.	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:45	
39	BRS	L15	17	"17-hydroxyprogesterone" and (Atheroscleros\$4 or arterioscleros\$4)	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:45	
40	BRS	L16	2	5565454.pn.	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:45	
41	BRS	L18	92	haloperidol and macrophag\$3	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:45	
42	BRS	L20	151	prolactin with macrophag\$3	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:45	
43	BRS	L22	169	(prolactin and macrophag\$3) and atheroscleros\$3	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:46	
44	BRS	L24	97	(prolactin and macrophag\$3) and (arterioscleros\$3)	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:46	
45	BRS	L25	2	5006526.pn.	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:46	

	Error Definition	Errors
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43		0
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46	BRS	L26	2	5344832.pn.	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:46	
47	BRS	L28	2	5006526.pn. and atherosclerosis	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:46	
48	BRS	L29	2	9015816.pn.	USPAT; US-PGP UB; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:46	
49	BRS	L30	17	"17-hydroxyprogesterone" and (Atherosclero\$5 or arteriosclero\$5)	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:46	
50	BRS	L31	17	"17-hydroxyprogesterone" and (Atherosclero\$5 or arteriosclero\$5)	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:46	
51	BRS	L32	92	haloperidol and macrophag\$3	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:46	
52	BRS	L33	57	"17-hydroxyprogesterone" and (dyslipidem\$4 or lipid\$4 or cholester\$5 or triglycer\$6)	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:46	

	Error Definition	Errors
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53	BRS	L36	2	5948389.pn.	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:46	
54	BRS	L37	2	5637575.pn.	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:46	
55	BRS	L38	2	5679666.pn.	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:46	
56	BRS	L39	2	5441944.pn.	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:46	
57	BRS	L41	400	haloperidol and (Atheroscleros\$4 or arterioscleros\$4)	USPAT; US-PGP UB; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:46	
58	BRS	L42	3	haloperidol same (Atheroscleros\$4 or arterioscleros\$4)	USPAT; US-PGP UB; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:46	
59	BRS	L44	116	((hormone adj replacement adj therapy) or progestin) same (Atheroscleros\$4 or arterioscleros\$4)	USPAT; US-PGP UB; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:46	

	Error Definition	Errors
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57		0
58		0
59		0

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
60	BRS	L45	37	"17-hydroxyprogesterone" and lipid	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:46	
61	BRS	L46	5	"17-hydroxyprogesterone" same lipid	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:46	
62	BRS	L47	17	"17-hydroxyprogesterone" and triglyceride	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:46	
63	BRS	L50	14	cortexolone and (Atheroscleros\$4 or arterioscleros\$4)	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:46	
64	BRS	L51	2	4902681.pn.	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:46	
65	BRS	L52	2	4908358.pn.	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:46	
66	BRS	L53	2	5135919.pn.	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:46	
67	BRS	L54	3	5256421.pn.	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:46	

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68	BRS	L55	2	5474765.pn.	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:46	
69	BRS	L56	2	5658894.pn.	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:46	
70	BRS	L57	2	4975537.pn.	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:46	
71	BRS	L58	2	4771042.pn.	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:46	
72	BRS	L59	4	9609826.pn.	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:46	
73	BRS	L61	10	methylprogesterone and (Atheroscleros\$4 or arterioscleros\$4)	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:46	
74	BRS	L62	6	3232961.pn.	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:46	
75	BRS	L63	2	5679666.pn.	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:46	

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72		0
73		0
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76	BRS	L70	6	(angiogenesis near atherosclerosis) and angiostatic	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:46	
77	BRS	L71	76	(angiogenesis same atherosclerosis) and angiostatic	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:46	
78	BRS	L73	16	atherosclerosis same angiostatic	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:46	
79	BRS	L76	86	:angiostatic and atherosclerotic	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:46	
80	BRS	L80	349	angiogenesis with atherosclerotic	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:46	
81	BRS	L81	25	angiogenesis with atherosclerotic and angiostatic	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:46	
82	BRS	L82	2	5679666.pn.	USPAT; EPO; JPO; DERW ENT; IBM_T DB	2004/07/28 12:46	

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